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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shyng Duan Chen  
Title: PROGRAMMABLE BANDWIDTH AND FREQUENCY SLEWING  
FOR PHASE-LOCK LOOP  
Serial No.: 10/813,394  
Filing Date: March 31, 2004  
Examiner/Unit: /2817  
Attorney Docket No.: 1938-14-3 (formerly 33851/41978)

AND

Applicant: Shyng Duan Chen  
Title: PROGRAMMABLE BANDWIDTH DURING START-UP FOR  
PHASE-LOCK LOOP  
Serial No.: 10/825,326  
Filing Date: April 16, 2004  
Examiner/Unit: /2817  
Attorney Docket No.: 1938-15-3 (formerly 33851/41979)

TRANSMITTAL LETTER

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 12<sup>th</sup> day of April, 2005.

  
Signature

TO THE COMMISSIONER FOR PATENTS:

Enclosed herewith for filing in the above-identified applications are the following:

- 1) Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers); and
- 2) Certificate Under 37 CFR § 3.73(b) Establishing Right of Assignee to Take Action with Exhibit A.

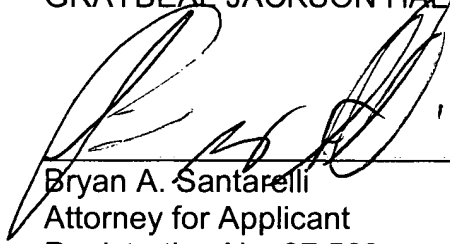
Please note the new attorney docket numbers listed in the heading for these applications.

If the Examiner has any questions regarding this matter, he is respectfully requested to contact the Applicant's attorney, Bryan Santarelli, at (425) 455-5575.

DATED this 07<sup>th</sup> day of April, 2005.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



Bryan A. Santarelli  
Attorney for Applicant  
Registration No. 37,560  
155-108th Avenue N.E., Ste 350  
Bellevue, WA 98004-5973  
(425) 455-5575

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/813,394

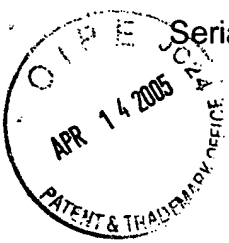
Filing Date: 03/31/2004

Atty Dkt.: 1938-14-3

Serial No. 10/825,326

Filing Date: 04/16/2004

Atty Dkt.: 1938-15-3



**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

TO THE COMMISSIONER OF PATENTS:

As assignee of record of the entire interest in the patents and patent serial numbers identified above, and which appear in more detail in Exhibit A of the Certificate Under 37 CFR § 3.73(b) attached hereto and incorporated by reference,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked, and

**NEW POWER OF ATTORNEY**

the practitioners associated with the Customer Number 32095 are hereby appointed with full power of substitution and revocation to prosecute and transact all business in the Patent and Trademark Office connected therewith.

**SEND CORRESPONDENCE TO:**

Bryan A. Santarelli  
GRAYBEAL JACKSON HALEY LLP  
155 - 108th Ave NE Suite 350  
Bellevue, WA 98004-5973

**DIRECT TELEPHONE CALLS TO:**

Bryan A. Santarelli  
Telephone: (425) 455-5575  
Facsimile: (425) 455-1046

Respectfully submitted,

Intersil Americas Inc.

Dated: 1/23/05

By Paul A. Bernkopf

Paul A. Bernkopf  
Chief Intellectual Property Counsel and  
Assistant Secretary

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/813,394

Filing Date: 03/31/2004

Atty Dkt.: 1938-14-3

Serial No.: 10/825,326

Filing Date: 04/16/2004

Atty Dkt.: 1938-15-3



**CERTIFICATE UNDER 37 CFR § 3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

The assignee of the entire right, title and interest in the properties identified in Exhibit A attached hereto, hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

2. INTERSIL AMERICAS, INC., a Delaware Corporation

**PERSON AUTHORIZED TO SIGN**

3. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

**BASIS OF ASSIGNEE'S INTEREST**

4. Ownership by the assignee of the patent serial numbers identified in Exhibit A attached hereto and incorporated by reference is established as follows:

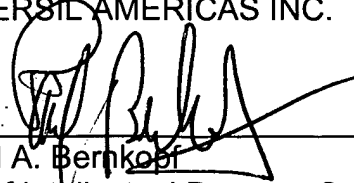
1. An assignment from the inventor of the matter identified as property 1, which was recorded in the PTO at  
Reel/Frame 015173/0922
2. An assignment from the inventor of the matter identified as property 2, which was recorded in the PTO at  
Reel/Frame 015224/0205

I, Paul A. Bernkopf, have reviewed all the documents in the chain of title to the patent applications identified herein and, to the best of my knowledge and belief, title is in the assignee identified above.

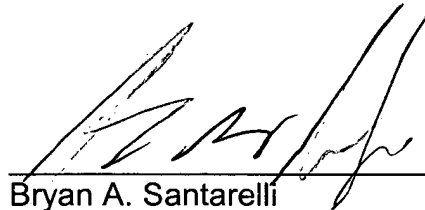
I hereby declare that all the statements made herein of my own knowledge are true, and that all statements made on information and beliefs are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section

1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INTER8IL AMERICAS INC.



Paul A. Bernkopf  
Chief Intellectual Property Counsel and  
Assistant Secretary



Bryan A. Santarelli  
Registration No.: 37,560  
GRAYBEAL JACKSON HALEY LLP  
155 - 108th Avenue NE Suite 350  
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(425) 455-5575

## **EXHIBIT A**

Property No. 1: Title: PROGRAMMABLE BANDWIDTH AND FREQUENCY  
SLEWING FOR PHASE-LOCK LOOP

Serial No.: 10/813,394  
Filing Date: 03/31/2004  
Inventor: Shyng Duan Chen  
Atty Dkt: 1938-14-3

Property No. 2: Title: PROGRAMMABLE BANDWIDTH DURING START-UP FOR  
PHASE-LOCK LOOP

Serial No.: 10/825,326  
Filing Date: 04/16/2004  
Inventor: Shyng Duan Chen  
Attny Dkt: 1938-15-3